| Index of Cla | nims     | Арр  | licatio | on/Control No. | Applicant(s)/Patent und Reexamination |                |   |  |  |  |
|--------------|----------|------|---------|----------------|---------------------------------------|----------------|---|--|--|--|
|              |          | 10/6 | 03,76   | 63             |                                       | KIM, HONG CHUL |   |  |  |  |
|              |          | Exar | niner   |                |                                       | Art Unit       |   |  |  |  |
|              |          | VIJA | Y SI    | HANKAR         |                                       | 2673           |   |  |  |  |
| √ Rejected   | (Through |      | N       | Non-Elected    | A                                     | Appeal         |   |  |  |  |
| = Allowed    | + Restri | cted | ī       | Interference   | 0                                     | Objected       | • |  |  |  |

| CI           | aim      |          |                |          |              | Da           | te       |          |              |  |               | Cla       | aim      |                        |           |              | Date   | 9        |          |           |        | CI    | aim        |          |              |          | Dat          | e               |                 |          | $\neg$   |
|--------------|----------|----------|----------------|----------|--------------|--------------|----------|----------|--------------|--|---------------|-----------|----------|------------------------|-----------|--------------|--|----------|----------|-----------|--------|-------|------------|----------|--------------|----------|--------------|-----------------|-----------------|----------|----------|
|              |          | S/       | 1              | Γ        | Ι            |              |          |          |              |  |               |           | al       |                        |           |              |  |          |          |           |        |       | -          |          |              | Т        |              |                 |                 |          | 7        |
| Final        | Original | 1/1      |                | i        | ı            |              |          |          | l            |  |               | Final     | Original |                        |           |              |  |          |          |           |        | Final | Original   |          |              | .        |              | l               |                 |          | 1        |
| 🛅            | 훈        | //c      |                |          | ł            |              |          | 1        | l            |  |               | iÈ        | rig      |                        |           |              |  |          |          |           |        | ᇤ     | ë          |          | -            |          |              |                 |                 |          | -        |
|              | 0        | 101      | ر آ            |          |              |              |          |          |              |  |               |           | 0        |                        |           |              |  |          |          |           |        |       | 0          |          | ı            |          |              |                 |                 |          |          |
|              | 1        | L        |                |          | $\top$       | $\top$       | ╅        | 1        | $t^-$        | <u> </u>   |               |           | 51       |                        |           | +            | <del>                                     </del> | $\vdash$ |          |           |        |       | 101        | +        | 1            | 1        | 1            |                 |                 | $\dashv$ | ┪        |
|              | 2        | Ĭ        |                | ┢        | 1            | 1            | $\top$   | †        | T            | T  |               |           | 52       |                        | $\neg$    | $\top$       | T  | _        |          |           |        |       | 102        |          | +            | +-       | $\vdash$     |                 |                 | $\dashv$ | ╡        |
|              | 3        | 1        | 1              | H        | ╁            | 1            | +        | +        | ┢            | <del>                                     </del> |               |           | 53       | $\vdash$               | $\dashv$  | ┪            | <del>                                     </del> | $\vdash$ | _        | +         |        |       | 103        |          | +            | +        | $\vdash$     |                 | Н               | +        | ┪        |
|              | 4        | H        | t              | t        | T            | t            | +        | 1        | T            | m  |               |           | 54       | Ħ                      | _         | +            | T  |          |          | 1         |        |       | 104        | $\neg$   | +-           | +        |              | Н               | $\vdash$        | $\dashv$ | $\dashv$ |
| <u>├</u>     | 5        | H        | t              |          | <del> </del> | +            | +        | 1        | $\vdash$     | <del>                                     </del> |               |           | 55       |                        | $\dashv$  | $\top$       | T  | $\vdash$ | _        | +         |        |       | 105        | -        | 1            | +        |              |                 | $\vdash$        | $\dashv$ | $\dashv$ |
|              | 6        | H        | <b>†</b> -     | ┪        | +            | †-           | ╈        | +-       | $\vdash$     | t  |               |           | 56       |                        | $\neg$    | +            | †  | $\dashv$ | $\dashv$ | 1         |        |       | 106        | $\dashv$ | +            | +        | <del> </del> | -               | $\vdash \vdash$ | $\dashv$ | $\dashv$ |
|              | 7        | H        | ┢              | $\vdash$ | +            | +-           | ╅        | +        | ╁            | $\vdash$   |               |           | 57       | $\vdash$               | _         | +            | +  | $\dashv$ | $\dashv$ | +         |        |       | 107        | +        | +            | ╁        | ╁            | -               | H               |          | $\dashv$ |
|              | 8        | H        | 1              | ┢        | ╁            | +            | +        | ╁        | t            | H  |               |           | 58       | $\dashv$               |           | -            | +  | -        |          | +         |        |       | 108        |          | +-           | ╁╌       | $\vdash$     | -               | $\vdash$        | $\dashv$ | $\dashv$ |
|              | 9        | ╫        | $\vdash$       | 一        | +            | +            | +        | +        | $\vdash$     | <del>                                     </del> |               |           | 59       | $\dashv$               | _         | +            | +  | H        | $\dashv$ | +         |        |       | 109        | _        | +-           | +-       | $\vdash$     | Н               | $\vdash$        | $\dashv$ | $\dashv$ |
| -            | 10       | //-      | <del> </del>   | H        | +            | +            | +        | +-       | +            | $\vdash$   |               |           | 60       | $\vdash$               | -+        | +            | $\vdash$   | $\vdash$ | +        | +-        |        |       | 110        | +        | +            | +        | $\vdash$     | $\vdash$        |                 | +        | $\dashv$ |
|              | 11       | H        | H              | $\vdash$ | 1            | +            | +        | +        | +            | H  |               |           | 61       | $\vdash$               | $\dashv$  | +-           | +  | $\vdash$ | $\dashv$ | +         |        |       | 111        | +        | +            | +        | $\vdash$     | $\vdash$        | $\vdash$        | +        | $\dashv$ |
| <u> </u>     | 12       |          | $\vdash$       | ╁        | ╁            | +            | ╁        | +-       | $\vdash$     | H  |               | <u> </u>  | 62       | $\vdash \vdash$        | $\dashv$  | +            | $\vdash$   |          | +        | +         |        |       | 112        | +        | +-           | +        | ┼            | $\vdash$        | $\vdash$        | +        | $\dashv$ |
| <del></del>  | 13       | ╂        | ╁─             | $\vdash$ | +-           | +            | +        | +        | $\vdash$     | +-   |               |           | 63       | $\vdash$               | ᆉ         |              | $\vdash$   | H        | +        | +-        |        |       | 113        | +        | +            | +        | ├            | -               |                 | $\dashv$ | $\dashv$ |
| -            | 14       | #        | 1              | $\vdash$ | +            | +            | +        | +-       | +-           | $\vdash$   |               | <b></b> - | 64       | $\vdash$               | +         | +            | +  | $\vdash$ | +        | +-        |        |       | 114        | +        | +            | ╁        | $\vdash$     | $\vdash$        | $\vdash \vdash$ | +        | $\dashv$ |
|              |          | ₩        | <del>/</del>   | -        | +-           | ╁            | +        | +        | +            | $\vdash$   |               |           | 65       | $\vdash \vdash \vdash$ | -+        | +-           | $\vdash$   |          | +        | +         |        |       | 115        | $\dashv$ | +            | +        | $\vdash$     | $\vdash \vdash$ | $\vdash$        | +        | $\dashv$ |
|              | 16       | Y.       | ┢              | -        | ╁╾           | ╁            | +-       | +-       | -            |  |               |           | 66       | -                      | -+        | +            | -  | Н        | +        | +         |        |       | 116        | -        | +            | +        | ┢            | -               | $\vdash$        | +        | -        |
| -            | 17       | $\vdash$ | -              | -        | +            | +-           | +-       | +        | $\vdash$     | $\vdash$   |               |           | 67       | $\vdash$               | $\dashv$  | +            | -  | $\vdash$ | +        | +         |        |       | 117        | +        | +            | +        | -            |                 | $\vdash \vdash$ | $\dashv$ | $\dashv$ |
| <u> </u>     | 18       | -        | -              | ⊢        | ╁            | ╁            | +        | ╆        | ₩            | -  |               |           | 68       |                        |           | +            | 1  | H        | -        |           |        |       |            | -        | +            | ╁        | ⊢            | -               | $\vdash$        | +        | $\dashv$ |
|              | 19       | -        |                | ┢        | ┼-           | +-           | +        | +-       | -            |  |               |           |          | $\vdash$               | $-\vdash$ | +            | 1  | $\dashv$ | +        | -         |        |       | 118        | +        | +            | +-       | ┝            |                 |                 | +        | $\dashv$ |
|              | 20       | ├        | ├              | ⊢        | ╁            | +            | +        | +        | <u> </u>     |  |               |           | 69<br>70 | $\vdash$               |           | +            | -  |          | +        | +         |        |       | 119        |          | +-           | ╄        | ⊢            |                 | $\vdash$        | +        | 4        |
|              | 21       | ├        | ┢              | ⊢        | ╁            | ╀            | +        | +-       |              | $\vdash$   |               |           | 71       | $\dashv$               | +         | +            | ┼  |          |          |           |        |       | 120        | -        | ╀            | ╄        | -            | Н               | $\vdash$        | -        | -        |
|              | 22       | ┝        | ⊢              |          | ╁            | ╁            | +        | ┿        | -            | ┢  |               |           | 72       | $\dashv$               | +         | +            |  | $\dashv$ |          | +         |        |       | 121        |          | -            | +        | -            |                 | $\vdash$        | -        | 4        |
| <b></b>      | 23       |          |                |          | ╁╾           | ╫            | +        | +        | ┢            | -  |               |           | 73       |                        | +         | +            | -  | $\dashv$ |          | +         |        |       | 122        | -        | +-           | ╁        | H            | Н               | Н               |          | 4        |
| <b>├</b>     | 24       |          | -              | ┢        | ╀            | ╁            | +        | ╀        | $\vdash$     | $\vdash$   |               |           | 74       | -                      | $\dashv$  | +            | -  | $\dashv$ |          | +         |        |       | 123        | -        | +-           | ╁        | <u> </u>     | Н               | $\vdash$        | -        | -        |
| -            | 25       | _        | ⊢              | ⊢        | ╁            | ╁            | ╁        | ╁        | ├            | Н  |               |           | 75       | $\rightarrow$          |           |              | $\vdash$   | -        |          | +         |        |       | 124        |          | ╁            | ╁        | -            | Н               | $\vdash$        | +        | 4        |
| <u> </u>     | 26       | _        | ⊢              | -        | +            | ╀            | +-       | +-       | ├            |  |               | -         | 76       | $\dashv$               |           | +-           | ₩  | -        | +        | +         |        |       | 125        | -        | +            | -        | ├            |                 | $\vdash$        | +        | -        |
| <del> </del> | 27       | -        | -              | ┢        | ⊢            | ╁            | ╁╾       | ╁        | ┢            | -  |               |           | 77       | -                      |           | ┿            | +  | -        |          | ╁┵        |        |       | 126        | -        | ╫            | ╁        | $\vdash$     |                 | -               | -        | $\dashv$ |
| ├            | 28       |          |                | -        | 1            | +            | ╁╴       | ╫        | ├            | Н  |               |           | 78       | $\dashv$               | $\dashv$  |              | $\vdash$   | -        | ┰        | +         |        |       | 127<br>128 |          | +            | $\vdash$ | $\vdash$     | $\vdash$        |                 | +        | $\dashv$ |
| <del> </del> | 29       |          | -              | $\vdash$ | $\vdash$     | +            | +        | ╁        | ╁            | Н  |               | -         | 79       |                        | -         | +            | $\vdash$   | $\dashv$ | -        | ╁         |        |       | 120        |          | +            | +        | H            |                 | $\vdash$        | +        | -        |
|              | 30       |          | $\vdash$       | ├-       | ┼            | ┾            | +-       | +        | -            | H  |               |           |          | -                      | +         | <del>-</del> | -  | -        |          | +         |        |       | 129        |          | +            | ╁        | -            | -1              |                 | -        |          |
|              |          |          | -              | ├-       | ┼            | ⊢            | +        | +-       | ⊢            | Н  |               |           | 80       | $\dashv$               | $\dashv$  | +-           | -  | -        |          | +         |        |       | 130        |          | +            | ╆        | H            | $\vdash$        |                 | -        | 4        |
| <del></del>  | 31       |          |                | -        | +-           | +-           | +        | +        | ├            | $\vdash\vdash$                                   |               |           | 81       | $\dashv$               | -         | +            | Н  | -        |          | +         |        |       | 131        | +        | +            | +        | $\vdash$     |                 | $\dashv$        |          | 4        |
| <del> </del> | 33       |          | $\vdash$       | -        | ₩            | ┼            | +        | +        | $\vdash$     | $\vdash$   |               | <b>——</b> | 82       | $\dashv$               | +         | +-           | $\vdash$   | _        | $\dashv$ | +         |        |       | 132        | $\dashv$ | +-           | ⊢        | $\vdash$     | $\vdash$        | $\dashv$        | -        | $\dashv$ |
| <del> </del> | 34       |          | ┝              | -        | -            | ╀            | +        | +        | $\vdash$     | $\vdash$   |               |           | 83       | $\dashv$               | +         | +-           | $\vdash\vdash$                                   |          | $\dashv$ |           |        | —     | 133        | +        | 1            | ╀        | $\vdash$     | $\vdash$        |                 | +        | 4        |
| ⊢—           | 35       |          | $\vdash$       | ⊢        | ⊢            | +            | ╁        | $\vdash$ | $\vdash$     | $\vdash\vdash$                                   |               |           | 84<br>85 | $\dashv$               | +         | +            | $\vdash$   |          | +        | +         |        |       | 134        |          | +-           | $\vdash$ | -            | $\vdash$        | $\dashv$        | +        | $\dashv$ |
| ├─           | 36       |          | $\vdash$       | $\vdash$ | ├-           | +            | +-       | 1        | -            | Н  |               |           |          | $\dashv$               | +         | +            | $\vdash$   |          | +        | +         |        |       | 135        | - -      | +            | ⊢        |              | $\sqcup$        | $\dashv$        | -        | -        |
| <u> </u>     | 37       |          | $\vdash$       | -        | ┼            | +            | ╁        | $\vdash$ | $\vdash$     | Н  |               |           | 86       | $\dashv$               |           | +            | ╁╌┤  | $\dashv$ |          | ₩         |        |       | 136        | +        | +-           | 1        | $\vdash$     | $\dashv$        | -               | +        | 4        |
| ļ            |          |          | <u> </u>       | <u> </u> | ┼-           | +            | +        | $\vdash$ |              | Н  |               |           | 87       |                        | -         |              | $\vdash$   |          | -        | +         |        |       | 137        |          | +            | 1        | <u> </u>     |                 | 4               | -        | 4        |
|              | 38<br>39 |          |                | -        | +-           | +            | +        | +-       | $\vdash$     | $\vdash$   |               |           | 88       | -+                     | +         | +            | $\vdash$   | -        |          | +         |        |       | 138        |          | +-           | $\vdash$ | $\vdash$     |                 | $\dashv$        | +        | 4        |
| <del> </del> | 40       |          |                | _        | $\vdash$     | +            | +-       | ╀        | $\vdash$     | Н  |               |           | 89       |                        | +         | -            | $\vdash$   |          | +        | +         |        |       | 139        | - -      | +-           | ↓_       | $\vdash$     | $\sqcup$        | $\dashv$        | $\dashv$ | _        |
| <del></del>  | 41       | -        | $\vdash$       | <u> </u> | $\vdash$     | $\vdash$     | +        | +-       |              | $\vdash \vdash$                                  |               |           | 90       |                        | +         | -            | $\vdash$   |          | +        | +         |        |       | 140        |          | +            | 1        | Ш            |                 | $\dashv$        | +        | 4        |
| ├            | 41       |          |                | -        | ⊢            | $\vdash$     | +-       | +        | <del> </del> | $\square$  |               |           | 91       | -+                     | +         | +            | $\vdash$   | $\dashv$ | +        | $\vdash$  |        |       | 141        | +        | +            | -        | Щ            | $\Box$          | 1               | +        | $\dashv$ |
| <del> </del> | 42       |          | $\vdash$       | -        | ╁            | ╁            | ╁        | ╀        | $\vdash$     | $\vdash \vdash$                                  |               |           | 92       | -+                     | +         | +-           | $\vdash$   | -+       | - -      | +         |        |       | 142        |          | +-           | ⊢        | $\vdash$     | $\dashv$        | -               | -        | 4        |
|              | 43       | _        |                | -        | ├            | $\vdash$     | ╫        | $\vdash$ | H            | dash   |               |           | 93       | +                      | +         | +-           | $\vdash$   | -        | +        | +         | ::::   |       | 143        | -        | +-           | ⊢        | $\vdash$     | $\sqcup$        | $\dashv$        | +        | 4        |
| <del> </del> | 45       | -        |                | _        | 1-           | $\vdash$     | ╁        | ╀        | $\vdash$     | $\vdash$   |               |           | 94       | -+                     | +         |              | ⊢┤   | $\dashv$ | +        | ┯         |        |       | 144        | +        | +-           | ⊢        | <b>-</b>     | $\vdash$        | $\dashv$        | +        | 4        |
| <del> </del> | 46       |          | -              | -        | ├            | $\vdash$     | +        | ╁╌       | $\vdash$     | $\vdash \vdash$                                  |               |           | 95       | -+                     | +         | +            | ╁╌┤  | -        | +        | ╀         |        |       | 145        | +        | ┼            | $\vdash$ | $\vdash$     | $\sqcup$        | -               | -        | 4        |
|              | 45       | _        | $\vdash\vdash$ |          | $\vdash$     | ┼            | ╁        | +-       | $\vdash$     | $\vdash \vdash$                                  |               |           | 96       | -+                     | -         | -            | -  |          | +        | ┦         |        |       | 146        |          | <del> </del> | ⊢        | Щ            |                 | _               | _        | 4        |
| <u> </u>     |          |          | $\vdash$       | _        | -            | $\vdash$     | +-       | -        | $\vdash$     | Н  |               |           | 97       | $\dashv$               | +         | -            | $\vdash$   | 4        | -        | +         |        |       | 147        |          | ╁            | ├        | $\vdash$     |                 | $\perp$         | $\dashv$ | _        |
| <u> </u>     | 48       | _        |                | -        | <del> </del> | -            | $\vdash$ | -        | H            | Н  |               |           | 98       |                        |           | +            | ┥  | 4        | +        | +         |        |       | 148        | _        | ╁.           | ₩        | <u> </u>     |                 | $\dashv$        |          | _        |
| <u> </u>     | 49       | _        |                |          | <u> </u>     | <del> </del> | ╀        | +-       | $\vdash$     | $\vdash \vdash$                                  |               |           | 99       | -+                     | +         | +            | $\sqcup$   | -        | +        | $\square$ |        |       | 149        | $\bot$   | $\perp$      | ļ.,      | Ш            | _               | $\dashv$        | $\bot$   | 4        |
|              | 50       |          | لــــا         |          |              | <u></u>      | 1        | 1        | L            | لـــا  | :::: <b>[</b> |           | 100      | - 1                    |           | - 1          | 1 1  | - 1      |          | 1 1       | :::::[ |       | 150        | - 1      | 1            |          | ıl           |                 |                 | - [      | - 1      |